

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	49	(369/30.21).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/11/24 10:54
L2	81	(369/30.24).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/11/24 10:54
L3	190	(369/30.36).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/11/24 10:54
L4	2492	(369/275.3).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/11/24 10:54
L5	1535	(714/48).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/11/24 10:55
L6	630	(369/47.14).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/11/24 10:55
L7	582	(369/53.17).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/11/24 10:55
L8	515	(369/53.15).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/11/24 10:55
L9	1378	(369/44.32).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/11/24 10:55
L10	58	(369/44.33).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/11/24 10:55
L11	2645	L6 L7 L8 L9 L10	US-PGPUB; USPAT	OR	ON	2009/11/24 10:55
L12	6831	1 2 3 4 5 11	US-PGPUB; USPAT	OR	ON	2009/11/24 10:55

L16	497	((temporary) same (DMA or (defect near2 management))) and (SBM or (bit near2 map) or ((record\$5 or us\$3) near5 (status or identif\$5 or indicat\$5))) and (DDS or ((disc or disk) near2 (structure or definition)))	US-PGPUB; USPAT	OR	ON	2009/11/24 11:16
L17	270	(DMA or (defect near2 management)) and ((SBM or (bit near2 map) or ((record\$5 or us\$3) near2 (status or identif\$5 or indicat\$5))) same (DDS or ((disc or disk) near2 (defect or definition) near2 structure)))	US-PGPUB; USPAT	OR	ON	2009/11/24 11:16
L18	105	L11 and L17	US-PGPUB; USPAT	OR	ON	2009/11/24 11:16
L19	75	(temporary) same (DMA or (defect near2 management)) same (SBM or (bit near2 map) or ((record\$5 or us\$3) near2 (status or identif\$5 or indicat\$5))) same (DDS or ((disc or disk) near2 (structure or definition)))	US-PGPUB; USPAT	OR	ON	2009/11/24 11:18
L20	548	(SBM or (bit near2 map)) with (last or final or least or LSN or LSB) with (sector or address or position or location)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/24 11:20
L21	177	(SBM or "space bit map" or (volume adj descriptor)) same (TDDS or DDS or (definition adj2 structure) or ((address or position) near2 (vector or pointer)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/24 11:21
L23	261	12 and 16	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/24 11:22

L24	123	12 and 17	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/24 11:22
L25	51	12 and 19	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/24 11:22
L26	42	12 and 20	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/24 11:23
L27	94	12 and 21	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/24 11:23
L29	0	((medium or disc or disk) and ((user or data) near3 (area or region)) and (first near3 (block or region or sector)) and (second near3 (block or region or sector)) and (defect near3 manag\$5) and (((record\$4 or writ\$4) near5 (stat\$4)) or (SBM) or (space near3 (bit or map))) and (defect near3 list) and (DDS or (disc near3 (definition of defect) near3 structure)) and (point\$4)).clm.	US-PGPUB	OR	ON	2009/11/24 11:45
S1	1	10/784817	US-PGPUB; USPAT	OR	ON	2006/10/26 07:46

S2	44	((updat\$3) near10 (defect near2 management)) same (data near3 (sector or block or cluster))	US-PGPUB; USPAT	OR	ON	2006/10/25 14:33
S3	1	("5235585").PN.	US-PGPUB; USPAT	OR	OFF	2006/10/25 15:25
S4	356	(369/47.14).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/10/25 15:25
S5	257	(369/53.17).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/10/25 15:26
S6	346	(369/53.15).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/10/25 15:27
S7	1036	(369/44.32).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/10/25 15:27
S8	46	(369/44.33).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/10/25 15:27
S9	1706	S4 S5 S6 S7 S8	US-PGPUB; USPAT	OR	ON	2006/10/25 15:28
S10	371	S9 and (defect near2 management)	US-PGPUB; USPAT	OR	ON	2006/10/25 15:30
S11	295	S9 and ((defect near2 management) same (block or cluster or sector))	US-PGPUB; USPAT	OR	ON	2006/10/25 15:31
S12	69	S11 and (pointer or vector)	US-PGPUB; USPAT	OR	ON	2006/10/25 15:30
S13	22	S9 and ((defect near2 management) same (block or cluster or sector) same (pointer or vector))	US-PGPUB; USPAT	OR	ON	2006/10/25 15:38
S14	0	((defect near3 management) same (defect near3 list) same (bit near3 map) same update same (pointer or counter or vector))	US-PGPUB; USPAT	OR	ON	2006/10/25 15:40
S15	4	((defect near3 management) same (defect near3 list) same (bit near3 map) same (pointer or counter or vector))	US-PGPUB; USPAT	OR	ON	2007/08/08 12:50

S16	4	((defect near3 management) same ((defect near3 list) or DL) same (bit near3 map) same (pointer or counter or vector))	US-PGPUB; USPAT	OR	ON	2006/10/25 15:42
S17	23	((defect near3 management) same ((defect near3 list) or DL)) and ((bit near3 map) same (pointer or counter or vector))	US-PGPUB; USPAT	OR	ON	2006/10/25 15:45
S18	4	((defect near3 management) same (bit near3 map) same (pointer or counter or vector))	US-PGPUB; USPAT	OR	ON	2006/10/25 15:46
S19	73	((defect near3 management) same (bit near3 map))	US-PGPUB; USPAT	OR	ON	2007/04/09 14:56
S20	1	("5271018").PN.	US-PGPUB; USPAT	OR	OFF	2006/10/25 16:10
S21	0	(defect near2 managment)) same (data near3 (sector or block or cluster)) same (defect near3 (list or table))	US-PGPUB; USPAT	OR	ON	2006/10/26 07:46
S22	624	(defect near2 management) same (defect near3 (list or table))	US-PGPUB; USPAT	OR	ON	2006/10/26 07:47
S23	356	(369/47.14).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/10/26 07:47
S24	257	(369/53.17).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/10/26 07:47
S25	346	(369/53.15).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/10/26 07:47
S26	1036	(369/44.32).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/10/26 07:47
S27	46	(369/44.33).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/10/26 07:47
S28	1706	S23 S24 S25 S26 S27	US-PGPUB; USPAT	OR	ON	2006/10/26 07:47
S29	225	S22 and S28	US-PGPUB; USPAT	OR	ON	2006/10/26 07:47

S30	311	(defect near2 management) same (defect near3 (list or table)) same (data near2 (area or block or sector or cluster))	US-PGPUB; USPAT	OR	ON	2006/10/26 07:58
S32	137	S28 and S30	US-PGPUB; USPAT	OR	ON	2006/10/26 07:48
S33	142	(defect near2 management) same (defect near3 (list or table)) same (data near2 (area or block or sector or cluster)) same (pointer or vecto\$3r or address\$3)	US-PGPUB; USPAT	OR	ON	2006/10/26 07:59
S34	53	S28 and S33	US-PGPUB; USPAT	OR	ON	2006/10/26 12:11
S36	2	09/206402	US-PGPUB; USPAT	OR	ON	2007/04/09 14:34
S37	1	("6469978").PN.	US-PGPUB; USPAT	OR	OFF	2007/04/09 13:44
S38	2	(defect near2 manag\$5) same (point near10 (record\$5 near2 status))	US-PGPUB; USPAT	OR	ON	2007/04/09 14:37
S39	283	(defect near2 manag\$5) same ((point or updat\$3) near10 (record\$5 or status))	US-PGPUB; USPAT	OR	ON	2007/04/09 14:40
S40	294	(defect near2 manag\$5) same ((point\$3 or updat \$3) near10 (record\$5 or status))	US-PGPUB; USPAT	OR	ON	2007/04/09 14:40
S41	23	(defect near3 management) same (defect near3 list) same (bit near3 map)	US-PGPUB; USPAT	OR	ON	2007/04/09 14:53
S42	1	("5448728").PN.	US-PGPUB; USPAT	OR	OFF	2007/04/09 14:53
S43	82	((defect near3 management) same (bit near3 map or bitmap))	US-PGPUB; USPAT	OR	ON	2007/04/09 15:18
S44	1	10/699150	US-PGPUB; USPAT	OR	ON	2007/04/09 15:18
S45	1	("6980507").PN.	US-PGPUB; USPAT	OR	OFF	2007/04/10 09:20

S46	1	"20020136118"	US-PGPUB; USPAT	OR	ON	2007/04/10 13:07
S47	4	09/494594	US-PGPUB; USPAT	OR	ON	2007/04/10 13:08
S48	1	("6581167").PN.	US-PGPUB; USPAT	OR	OFF	2007/04/10 13:08
S49	62	park-young.in. or kim-sung.in.	US-PGPUB; USPAT	OR	ON	2007/04/10 13:36
S50	0	park-young.in. and kim-sung.in.	US-PGPUB; USPAT	OR	ON	2007/04/10 13:37
S51	22	park-yong-cheol.in. and kim-sung-dae.in.	US-PGPUB; USPAT	OR	ON	2007/04/10 13:38
S52	372	(369/47.14).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/04/10 14:44
S53	269	(369/53.17).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/04/10 14:44
S54	366	(369/53.15).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/04/10 14:44
S55	1081	(369/44.32).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/04/10 14:44
S56	50	(369/44.33).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/04/10 14:44
S57	1787	S52 S53 S54 S55 S56	US-PGPUB; USPAT	OR	ON	2007/04/10 14:44
S58	311	S57 and ((defect near2 management) same (block or cluster or sector))	US-PGPUB; USPAT	OR	ON	2007/04/10 14:44
S59	71	S58 and (pointer or vector)	US-PGPUB; USPAT	OR	ON	2007/04/10 14:44
S60	23	((defect near3 management) same ((defect near3 list) or DL)) and ((bit near3 map) same (pointer or counter or vector))	US-PGPUB; USPAT	OR	ON	2007/04/10 14:44

S61	1	("6581167").PN.	US-PGPUB; USPAT	OR	OFF	2007/04/11 09:40
S62	4	09/494594	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/11 09:40
S63	1	10/784817	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 12:29
S64	1	("6581167").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/08 12:30
S65	6	("6581167").URPN.	USPAT	OR	ON	2007/08/08 12:33
S66	11641	(SBM or "space bit map" or ((allocat\$4 or record \$5) near2 (status or availab\$5 or data))) same (TDDS or DDS or (definition adj2 structure) or (pointer or vector))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 14:24
S67	1582	(SBM or "space bit map" or ((allocat\$4 or record \$5) near2 (status or availab\$5))) same (TDDS or DDS or (definition adj2 structure) or (pointer or vector))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 13:19
S68	390	(369/47.14).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/08/08 12:58
S69	276	(369/53.17).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/08/08 12:58



S70	382	(369/53.15).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/08/08 12:58
S71	1118	(369/44.32).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/08/08 12:58
S72	51	(369/44.33).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/08/08 12:58
S73	1854	S68 S69 S70 S71 S72	US-PGPUB; USPAT	OR	ON	2007/08/08 13:02
S74	31	S67 and S73	US-PGPUB; USPAT	OR	ON	2007/08/08 12:58
S75	112	S67 and ("369" or "704").clas.	US-PGPUB; USPAT	OR	ON	2007/08/08 13:16
S76	1	("6138203").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/08 13:18
S77	282	(SBM or "space bit map" or ((allocat\$4 or record \$5) near2 (status or availab\$5))) same (TDDS or DDS or (definition adj2 structure) or ((address or position) near2 (vector or pointer)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 14:25
S78	61	S77 and ("369" or "704").clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 13:21
S79	4058	(SBM or "space bit map" or ((allocat\$4 or record \$5) near2 (status or availab\$5))) and (TDDS or DDS or (definition adj2 structure) or ((address or position) near2 (vector or pointer)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/29 12:34

S80	246	S79 and ("369" or "704").clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 13:32
S82	69	(SBM or "space bit map") same (TDDS or DDS or (definition adj2 structure) or ((address or position) near2 (vector or pointer)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/29 12:52
S83	241	(SBM or "space bit map") and (TDDS or DDS or (definition adj2 structure) or ((address or position) near2 (vector or pointer)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 14:32
S84	77	(SBM or "space bit map" or (volume adj descriptor)) same (TDDS or DDS or (definition adj2 structure) or ((address or position) near2 (vector or pointer)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 14:34
S85	8	S84 not S82	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 14:35

S86	4	"20010026511"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 14:36
S87	54	"6160778"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 14:37
S88	1	("6160778").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/08 14:37
S89	3	("5235585"   "5818654"   "6031804").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/08 14:40
S90	1	("5914928").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/08 19:01
S91	75	(SBM or "space bit map") with (DMA or TDMA or (defect adj2 management adj2 area) or "lead-in" or (lead adj2 in))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 15:48
S92	52	S91 and ("369" or "704").clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 15:48
S93	1	("20010026511").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/08 19:01
S94	1	("6160778").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/20 12:29

S95	1	10/784817	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/29 12:34
S96	33	(SBM or "space bit map") same (TDDS or DDS or (definition adj2 structure)) same point\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/29 13:00
S97	422	(369/47.14).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/01/29 12:53
S98	298	(369/53.17).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/01/29 12:53
S99	404	(369/53.15).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/01/29 12:53
S100	1188	(369/44.32).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/01/29 12:53
S101	51	(369/44.33).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/01/29 12:53
S102	1976	S97 S98 S99 S100 S101	US-PGPUB; USPAT	OR	ON	2008/01/29 12:53
S103	11	S96 and S102	US-PGPUB; USPAT	OR	ON	2008/01/29 12:53
S104	22	S96 not S103	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/29 12:54

S105	69	(SBM or "space bit map") same (TDDS)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/29 12:58
S106	1	("6754860").PN.	US-PGPUB; USPAT	OR	OFF	2008/01/29 12:58
S107	14	(SBM or "space bit map") same ((address or vector or point\$3) near5 (SMB or "space bit map"))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/29 13:06
S108	1	("6341278").PN.	US-PGPUB; USPAT	OR	OFF	2008/01/29 13:08
S109	1	("20020176341").PN.	US-PGPUB; USPAT	OR	OFF	2008/01/29 13:11
S110	0	("TDMA same SBM and ((TDDSor (discnear2definitionnear2structure)) or (pointer near5 (SBM)))").PN.	US-PGPUB; USPAT	OR	OFF	2008/01/29 13:12
S111	69	TDMA same SBM and ((TDDS or (disc near2 definition near2 structure)) or (pointer near5 (SBM)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/29 13:14
S112	69	(TDMA same SBM) and ((TDDS or (disc near2 definition near2 structure)) or (pointer near5 (SBM)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/29 13:20

S113	55	S112 and "369".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/29 13:15
S114	82	(TDMA same (SBM or (bit near2 map\$4))) and ((TDDS or (disc near2 definition near2 structure)) or ((pointer or address) near5 (SBM)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/29 13:21
S115	62	S114 and "369".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/29 13:27
S116	14	S112 not S113	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/29 13:21
S117	51	S115 not S103	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/29 13:24

S118	7	S115 not S113	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/29 13:24
S119	20	S114 not S115	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/29 13:29
S120	24	tdma1 same tdma2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/29 13:46
S121	1	("6445661").PN.	US-PGPUB; USPAT	OR	OFF	2008/01/29 13:47
S122	1	("5847589").PN.	US-PGPUB; USPAT	OR	OFF	2008/01/29 14:22
S123	1	("5574706").PN.	US-PGPUB; USPAT	OR	OFF	2008/01/29 14:22
S124	1	11/125271	US-PGPUB; USPAT	OR	ON	2008/01/30 10:12
S125	1	("6445661").PN.	US-PGPUB; USPAT	OR	OFF	2008/01/30 10:12
S126	422	(369/47.14).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/01/30 12:54
S127	298	(369/53.17).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/01/30 12:54

S128	404	(369/53.15).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/01/30 12:54
S129	1188	(369/44.32).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/01/30 12:54
S130	51	(369/44.33).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/01/30 12:54
S131	1976	S126 S127 S128 S129 S130	US-PGPUB; USPAT	OR	ON	2008/01/30 12:54
S132	356	S131 and ((defect near2 management) same (block or cluster or sector))	US-PGPUB; USPAT	OR	ON	2008/01/30 12:54
S133	88	S132 and (pointer or vector)	US-PGPUB; USPAT	OR	ON	2008/01/30 12:54
S134	1667	(SBM or "space bit map" or ((allocat\$4 or record \$5) near2 (status or availab\$5))) same (TDDS or DDS or (definition adj2 structure) or (pointer or vector))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/30 12:55
S135	422	(369/47.14).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/01/30 12:55
S136	298	(369/53.17).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/01/30 12:55
S137	404	(369/53.15).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/01/30 12:55
S138	1188	(369/44.32).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/01/30 12:55
S139	51	(369/44.33).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/01/30 12:55
S140	1976	S135 S136 S137 S138 S139	US-PGPUB; USPAT	OR	ON	2008/01/30 12:55
S141	41	S134 and S140	US-PGPUB; USPAT	OR	ON	2008/01/30 12:55



S142	69	(TDMA same SBM) and ((TDDS or (disc near2 definition near2 structure)) or (pointer near5 (SBM)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/30 12:55
S143	55	S142 and "369".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/30 12:55
S144	14	(SBM or "space bit map") same ((address or vector or point\$3) near5 (SMB or "space bit map"))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/30 12:59
S145	17	TDMA1 and TDMA2 and SBM and TDDS	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/30 13:03
S146	1	("7149930").PN.	US-PGPUB; USPAT	OR	OFF	2008/01/30 13:03
S147	8	("5764881"   "6282365"   "6574420"   "6654904"   "6728899"   "6754860"   "6922802"   "6925580").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/30 13:14
S148	3402	(SBM or (bit near2 map) or (record\$5 near2 status)) same (TDDS or DDS or (definition near2 structure) or ((address\$3 or pointer\$3 or indicat \$4) near4 (SBM or (bit near2 map))))	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/30 13:19

S149	3402	((SBM or (bit near2 map)) or (record\$5 near2 status)) same (TDDS or DDS or (definition near2 structure) or ((address\$3 or pointer\$3 or indicat\$4) near4 (SBM or (bit near2 map))))	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/30 13:23
S150	46	S131 and S149	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/30 13:22
S151	34381	((SBM or (bit near2 map)) or (record\$5 near2 status))	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/30 13:23
S152	165845	TDDS or DDS or (definition near2 structure) or ((address\$3 or pointer\$3 or indicat\$4) near4 (SBM or (bit near2 map)))	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/30 13:25
S153	3402	S151 same S152	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/30 13:24
S154	164311	TDDS or DDS or (definition near2 structure) or ((address\$3 or pointer\$3) near4 (SBM or (bit near2 map)))	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/30 13:25
S155	1797	S151 same S154	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/30 13:26
S156	87	S155 and "369".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/30 13:26
S157	92	S155 and (defect near3 manag\$5)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/30 13:27
S158	79	S157 and ("369" or "714").clas.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/30 13:43
S159	1	("7188271").PN.	US-PGPUB; USPAT	OR	OFF	2008/01/30 14:15
S160	0	(10/784817).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/01/30 14:15

S161	1	10/784817	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/30 14:44
S162	39	(gray adj2 code) with wobbl\$4 with groove	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/30 14:45
S163	1513	S152 same binary	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/30 14:45
S164	7	S162 same binary	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/30 14:46
S165	1	10/994530	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/30 15:29

S166	21	DMA1 same DMA2 same ((updat\$3 or tranfer\$4 or copy\$3) near5 (DMA2))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/30 15:57
S167	1	("6160778").PNL	US-PGPUB; USPAT	OR	OFF	2008/01/30 15:37
S168	468	"disk definition structure"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/30 15:37
S169	303	S168 and "369".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/30 15:37
S170	26	(DMA1 or TDMA1) same (DMA2 or TDMA2) same ((updat\$3 or tranfer\$4 or copy\$3) near5 (DMA2 or TDMA2))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/30 15:56
S171	5	S170 not S166	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/30 15:56

S172	21	((updat\$3 or tranfer\$4 or copy\$3) near5 (DMA2))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/30 15:57
S173	0	S172 not S166	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/30 15:57
S174	887	((updat\$3 or tranfer\$4 or copy\$3) near5 (DMA2 or TDMA2 or (second near3 manag\$5)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/30 15:58
S175	83	S174 and "369".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/30 16:00
S176	1	("6581167").PN.	US-PGPUB; USPAT	OR	OFF	2008/01/30 16:01
S177	1	("5914928").PN.	US-PGPUB; USPAT	OR	OFF	2008/01/30 16:01
S178	1	("20010026511").PN.	US-PGPUB; USPAT	OR	OFF	2008/01/30 16:04

S179	283	DMA1 same DMA2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/30 16:04
S180	140	S179 and "369".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/30 16:04
S181	461	(369/47.14).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/05/19 13:19
S182	348	(369/53.17).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/05/19 13:19
S183	429	(369/53.15).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/05/19 13:19
S184	1217	(369/44.32).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/05/19 13:19
S185	54	(369/44.33).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/05/19 13:19
S186	2098	S181 S182 S183 S184 S185	US-PGPUB; USPAT	OR	ON	2008/05/19 13:19
S187	1	10/784817	US-PGPUB; USPAT	OR	ON	2008/05/19 13:19
S188	91	(TDMA) and (DMA) and (SBM) and (TDDS)	US-PGPUB; USPAT	OR	ON	2008/05/19 13:37
S189	29	(TDMA) and (DMA) and (SBM) and (DDS)	US-PGPUB; USPAT	OR	ON	2008/05/19 13:40
S190	1	("6564345").PN.	US-PGPUB; USPAT	OR	OFF	2008/05/19 13:44

S191	18	("6564345").URPN.	USPAT	OR	ON	2008/05/19 13:50
S192	760	(temporary) and (DMA or (defect near2 management)) and (SBM or (bit near2 map) or ((record\$5 or us\$3) near2 (status or identif\$5 or indicat\$5))) and (DDS or ((disc or disk) near2 (structure or definition)))	US-PGPUB; USPAT	OR	ON	2008/05/19 13:57
S193	48	(temporary) same (DMA or (defect near2 management)) same (SBM or (bit near2 map) or ((record\$5 or us\$3) near2 (status or identif\$5 or indicat\$5))) same (DDS or ((disc or disk) near2 (structure or definition)))	US-PGPUB; USPAT	OR	ON	2008/05/19 13:59
S194	258	S192 and "369".clas.	US-PGPUB; USPAT	OR	ON	2008/05/19 14:00
S195	324	((temporary) same (DMA or (defect near2 management))) and (SBM or (bit near2 map) or ((record\$5 or us\$3) near2 (status or identif\$5 or indicat\$5))) and (DDS or ((disc or disk) near2 (structure or definition)))	US-PGPUB; USPAT	OR	ON	2008/05/19 14:01
S196	214	S195 and "369".clas.	US-PGPUB; USPAT	OR	ON	2008/05/19 14:03
S197	25079	(SBM or (bit near2 map))	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/20 11:21
S198	346	S197 and (defect near2 manag\$5)	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/20 11:22
S199	127	S197 same (defect near2 manag\$5)	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/20 11:22
S200	2	"20040076096"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/20 12:04

S201	1	("6,160,778").PN.	US-PGPUB; USPAT	OR	OFF	2008/05/20 13:43
S202	1	("20020089914").PN.	US-PGPUB; USPAT	OR	OFF	2008/05/20 14:15
S203	1	("20030021201").PN.	US-PGPUB; USPAT	OR	OFF	2008/05/20 14:29
S204	0	(10/933361).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/05/20 14:41
S205	1	("20050025017").PN.	US-PGPUB; USPAT	OR	OFF	2008/05/20 14:46
S206	1	("20030086346").PN.	US-PGPUB; USPAT	OR	OFF	2008/05/20 14:58
S207	867	(temporary) and (DMA or (defect near2 management)) and (SBM or (bit near2 map) or ((record\$5 or us\$3) near2 (status or identif\$5 or indicat\$5))) and (DDS or ((disc or disk) near2 (structure or definition)))	US-PGPUB; USPAT	OR	ON	2009/01/04 17:36
S208	338	S207 and "369".clas.	US-PGPUB; USPAT	OR	ON	2009/01/04 17:37
S209	63	(temporary) same (DMA or (defect near2 management)) same (SBM or (bit near2 map) or ((record\$5 or us\$3) near2 (status or identif\$5 or indicat\$5))) same (DDS or ((disc or disk) near2 (structure or definition)))	US-PGPUB; USPAT	OR	ON	2009/01/04 18:30
S210	534	(369/47.14).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/01/04 18:31
S211	498	(369/53.17).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/01/04 18:31
S212	465	(369/53.15).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/01/04 18:31
S213	1284	(369/44.32).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/01/04 18:31



S214	57	(369/44.33).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/01/04 18:31
S215	2380	S210 S211 S212 S213 S214	US-PGPUB; USPAT	OR	ON	2009/01/04 18:31
S216	34	S209 and S215	US-PGPUB; USPAT	OR	ON	2009/01/04 18:31
S217	0	02/37493	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/05 10:32
S218	22	"6922802"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/06 11:41
S219	1	("6922802").PN.	US-PGPUB; USPAT	OR	OFF	2009/08/06 11:41
S220	939	(temporary) and (DMA or (defect near2 management)) and (SBM or (bit near2 map) or ((record\$5 or us\$3) near2 (status or identif\$5 or indicat\$5))) and (DDS or ((disc or disk) near2 (structure or definition)))	US-PGPUB; USPAT	OR	ON	2009/08/06 11:52
S221	387	S220 and "369".clas.	US-PGPUB; USPAT	OR	ON	2009/08/06 11:52
S222	604	(369/47.14).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/08/06 11:52
S223	562	(369/53.17).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/08/06 11:52
S224	496	(369/53.15).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/08/06 11:52

S225	1355	(369/44.32).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/08/06 11:52
S226	58	(369/44.33).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/08/06 11:52
S227	2574	S222 S223 S224 S225 S226	US-PGPUB; USPAT	OR	ON	2009/08/06 11:52
S228	256	((DMA or (defect near2 management))) and ((SBM or (bit near2 map) or ((record\$5 or us\$3) near2 (status or identif\$5 or indicat\$5))) same (DDS or ((disc or disk) near2 (defect or definition) near2 structure)))	US-PGPUB; USPAT	OR	ON	2009/08/06 12:55
S229	98	S227 and S228	US-PGPUB; USPAT	OR	ON	2009/08/06 12:55
S230	162	S228 and "369".clas.	US-PGPUB; USPAT	OR	ON	2009/08/06 12:55
S231	101	((temporary near5 (DMA or (defect near2 management)))) and ((SBM or (bit near2 map))) same (DDS or ((data or disc or disk) near2 (defect or definition) near2 structure)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/06 13:01
S232	85	S231 and "369".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/06 13:06
S233	92	((DMA or (defect near2 management))) and ((SBM or (bit near2 map))) same (DDS or ((data or disc or disk) near2 (defect or definition) near2 structure)) same (defect near2 list))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/06 13:12

S234	82	S233 and "369".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/06 13:17
S235	1	("20040076096").PN.	US-PGPUB; USPAT	OR	OFF	2009/08/06 13:21
S236	131742	(SBM or (bit near2 map) or ((record\$5 or us\$3) near2 (status or identif\$5 or indicat\$5))) with (sector or address or position or location)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/06 13:23
S237	6803	(SBM or (bit near2 map)) with (sector or address or position or location)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/06 13:39
S238	536	(SBM or (bit near2 map)) with (last or final or least or LSN or LSB) with (sector or address or position or location)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/06 13:40
S239	58	S238 and "369".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/06 13:43
S240	1	("20040076096").PN.	US-PGPUB; USPAT	OR	OFF	2009/08/06 14:10

S241	70	((temporary) same (DMA or (defect near2 management))) same (SBM or (bit near2 map) or ((record\$5 or us\$3) near2 (status or identif\$5 or indicat\$5))) same (DDS or ((disc or disk) near2 (structure or definition)))	US-PGPUB; USPAT	OR	ON	2009/08/06 14:49
S242	39	S241 and S227	US-PGPUB; USPAT	OR	ON	2009/08/06 14:49
S243	456	((temporary) same (DMA or (defect near2 management))) and (SBM or (bit near2 map) or ((record\$5 or us\$3) near2 (status or identif\$5 or indicat\$5))) and (DDS or ((disc or disk) near2 (structure or definition)))	US-PGPUB; USPAT	OR	ON	2009/08/06 14:50
S244	338	S243 and "369".clas.	US-PGPUB; USPAT	OR	ON	2009/08/06 14:50
S246	1	("20030137915").PN.	US-PGPUB; USPAT	OR	OFF	2009/08/11 09:53
S247	1	("20030021201").PN.	US-PGPUB; USPAT	OR	OFF	2009/08/11 09:53

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